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WHAT IS CLAIMED IS:

1. A digital audio player, comprising:

a main module (100) and a headset module (200) connectable with the main module,

wherein the main module (100) comprises:

a system module (110) that includes a first engagement means (115) enabling engagement with the exterior and a first particular interface (3, 4) through which power is supplied from the exterior, and generates analog sound signals by decoding digital audio data and subsequently supplying the analog sound signals to a common sound jack (130) and a second particular interface (1, 2); and

a battery module (120) that includes a second engagement means (125) with which the first engagement means in the system module is engaged and a third interface (5, 6) from which power is supplied to the system module through the first interface, and

wherein the headset module (200) comprises:

a first headset module (210) that includes a third engagement means (215) with which the first engagement means in the system module is engaged, a fourth interface (7, 8, 9, 10) to which the first and second interfaces are connected upon engagement with the system module, and a first speaker for outputting sound from the analog sound signal delivered through the fourth interface;

a second headset module (220) that includes a fourth engagement means with which the second engagement means in the battery module is engaged, a fifth interface to which the third interface is connected upon engagement with the battery module, and a second speaker for outputting sound from the analog sound signal delivered from the first headset module; and

a headset connecting member (230) which connects the first headset module and the second headset module, transfers the analog sound signal from the first headset module to the second headset module, and supplies the fourth interface in the first headset module with operating power provided to the second headset module through the fifth interface.

2. The digital audio player as claimed in claim 1, wherein the analog sound signal generated by the system module (110) comprises a first sound signal (LS) and a second signal (RS); the second interface comprises a first terminal (1) for transmitting the first sound signal and a second terminal (2) for transmitting the second sound signal, and the fourth interface comprises a third terminal (10) corresponding to the first terminal and a fourth terminal (9) corresponding to the second terminal; and the first headset module (210) outputs the first sound signal transferred by the third terminal through the first speaker, the headset connecting member (230) supplies the second sound signal transferred by the fourth terminal (9) to the second headset module, and the second headset module (220) outputs the second sound signal delivered by the headset connecting member through the second speaker.

3. The digital audio player as claimed in claim 1, wherein the third interface comprises a first power terminal (6) corresponding to ground voltage (GND) and a second power terminal (5) corresponding to high-level voltage (VCC) in such a way that the first power terminal and the second power terminal are arranged asymmetrically within the battery module (120).

4. The digital audio player as claimed in claim 1, wherein the system module (110) comprises:

a non-volatile memory unit (113) for storing the digital audio data in a non-volatile way;

a signal-processing module unit (114) for generating the analog sound signal by decoding the digital audio data;

a digital interface unit (111) for receiving the digital audio data from the exterior in a wired/wireless digital communication scheme; and

a control module unit (112) for controlling the operation of the system module.

5. The digital audio player as claimed in claim 4, wherein the system module (110) further comprises a wireless communication unit for receiving a control command in a

wireless communication scheme from a external remote control and providing the received command to the control module (112).